

# **EXHIBIT 17**

BOX I

- 1 ANTISENSE M17-1/PRP 4
- 2 SENSE "
- 3 HUMAN 41BB HIND III - BGL I APTAG 8
- 4 " " 12
- 5 M17-1 RI-BAMHI/PGEX 3 15
- 6 " " 16
- 7 M17-1 15 PGEX 3 TOPP 1
- 8 " " TOPP 2
- 9 " " JM105
- 10 M17-1 16 PGEX 3 TOPP 1
- 11 " " TOPP 2
- 12 " " JM105
- 13 ABOUTY CDNA/PLASMID
- 14 " "
- 1

## VECTORS

- 1 PYM PST 1-RI-XHO 1
- 2 " " SEQ CONFIRM
- 3 PYM
- 4 PGEM 72F
- 5 BOVINE PAPILLOMA VIRUS VECTOR
- 6 pBLUESCRIPT
- 7 PYM PST 1-RI-XHO 1
- 8 PGEM 52F
- 9 pBLUESCRIPT
- 10 BOVINE PAPILLOMA VIRUS
- 11 PHC 19
- 12 PREP 4
- 13 pBR322
- 14 PGEM 3Z
- 15 pCDNA1
- 16 APTAG

## BACTERIA STRAINS

- 1 INVITROGEN TOP 10 F'
- 2 " "
- 3 JM105 24 Y1090
- 4 TOPP 6 25 NM539
- 5 TOPP 5 26 PLK17
- 6 TOPP 4 27 NM538
- 7 TOPP 3 28 P2PLK17
- 8 TOPP 2 29 MC1061
- 9 TOPP 1
- 10 XL BLUE
- 11 MC1061 p3
- 12 Y1090
- 13 "
- 14 KB02
- 15 NM539
- 16 LE392
- 17 P2392
- 18 NM538
- 19 KB02
- 20 MC1061
- 21 "
- 22 KB12
- 23 NM538

# BACTERIA + PLASMID BOX II

MOUSE 8 INF  
 L2625B/pXIM WRONG OR (4-2)  
 HUMAN COS 7B  
 L2625B/C/ pXIM WRONG OR (5-4)  
 HUMAN B PROTEIN 1.1 KB / 72f  
 pXIM PST1-RI-XHO1 P/REL 34  
 IL-11 SAC1 1.8 KB  
 L2625B(OLIGO)/PEV55(2-4)  
 HUMAN COS 1-1 KM  
 L2625/XMN1-RI  
 IL-11 SAC1 4KB / 72f  
 L2625C (OLIGO) 72f  
 L2625C/B / 72f  
 J-1 IN PBR  
 B-1 IN PBR  
 IL-11 SAC1 8 KB / 72f  
 L2625B (OLIGO) PEV55 WRONG OR (2-3)  
 HP10 RI PUC 19 W.O. (1-4)  
 pXIM PST1-RI-XHO1 SEQ CONFIRMED L2625B/pXIM (4-1)  
 pKK223-3 IL-2 HP10 JM105  
 BRENT S770.6 RI / 72f  
 PA 14-1 pIH82 JM105  
 CTLIC 17410 3 RI / 72f  
 SL3 RI / pBS  
 HUMAN COS 14 KM  
 IL-2/HP10/pKK223-3 JM105  
 IL-2/HP10/pKK223-3 JM105  
 L2625-2 A91  
 L2625 NCD 572  
 CTLIC S365 1 RI 0.5 KB / 72f  
 BRENT S770 2 RI / 72f  
 SP1 / pBS  
 LUCIFERASE/pCMV #631  
 LUCIFERASE/pRSV #630  
 MOGE 41BB RN 3 NCD 1 0.85 KB / 572  
 MOGE 41BB RX SAC1 0.9 KB / 72f  
 L2625B (6625B, 1, 2) 72f  
 L2623B/C / PEV55 (3-5)  
 PEV55 ES14 XHO1-RI / PEV55  
 IL-2/HP10/pKK223-3 JM105  
 MOGE 41BB M2 RI 1 KB / 72f  
 41BB RI-XHO1 0.6 KB / pBS  
 OCTO SL3 4 RI / 72f  
 CTLIC S365 2 RI 0.5 KB / 72f  
 41BB RI / pXIM W.O.  
 41BB RI / pXIM R.O.  
 LCK EXPRESSION CONSTRUCT RI 1.7  
 MOGE 41BB NP2 SAC1 DRA1 / 72f TYPE D 5' UTR  
 MOGE 41BB NP2 SAC1-XHO1 / 72f TYPE I 5' UTR  
 41BB5 / ARTAG 0.6 KB

# BACTERIA + PLASMID BOX III

LCK STU1  
 LCK RRR  
 LCK C2 0.825  
 BS LCK CYS  
 L10-33 LCK  
 41BB RI PBS R.D. T731 ~~KS~~ ~~T3~~ ~~5~~ pBS SK-  
 41BB R PBS R.D. T751 ~~KS~~ ~~T7~~ ~~3~~ "  
 MOUSE 12-2 CDNA BGL II HINDIII 2.6 KB  
 MOGE 41BB SPC1-NCL1 3 KB / 72f [REDACTED] SEQ. CONFIRMED  
 CTG C S43 5 RI / 72f [REDACTED]  
 HUGF 17#10 SPC1 6 KB / 72f  
 SECRETORY ALKALINE PHOSPHATASE SEAP/CMV [REDACTED]  
 BRENT S770 8 RI 3 KB / 72f [REDACTED]  
 MOGE 41BB TYPE II 5' UTR [REDACTED] CORRECT  
 17#10 SILVER MUTANT ③ → THIS CLONE HAS 2 INSERTS. USE DTM  
 12625 B (OLIGO) PEV555 W.D. (3-2) [REDACTED]  
 12675 XMM1 RI [REDACTED]  
 BK IN PBR  
 SILVER 171 ⑤ / 72f [REDACTED]  
 41BB / RPTAG #2 [REDACTED]  
 41BB PPR99B #3 JMUS  
 " #1 [REDACTED]  
 MOGE 41BB NP2 SPC1 1.8 KB / 72f [REDACTED]  
 MOGE 41BB NP2 SPC1 2.8 KB / 72f [REDACTED]  
 MOGE 41BB NP2 SPC1 5.5 KB / 72f [REDACTED]  
 41BB #8 RI 1.3 KB / 72f [REDACTED]  
 HUGF S770 12 SPC1 5.5 KB / 72f [REDACTED]  
 MOGE 41BB HE 5 SPC1 5.5 / 72f [REDACTED]  
 MOGE 41BB HE 6 SPC1 1 KB / 72f [REDACTED]  
 5' BOUNDARY PEP FRAG # 23-640 [REDACTED]  
 5' BOUNDARY PEP FRAG # 8-570 [REDACTED]  
 12625 C (OLIGO) RI 0.6 KB / pX10 [REDACTED]  
 HUGF S770 12 HINDIII 2.8 / 72f [REDACTED]  
 HUGF S770 12 NCL1 3.4 KB / 72f [REDACTED]  
 HUGF S770 12 SPC1 5.5 KB / 72f [REDACTED]  
 MOGE 41BB RX SPC1 3.2 KB / 72f [REDACTED]  
 → 41BB RPTAG HINDIII-BGL II [REDACTED] SEQ. CONFIRMED  
 BBAH1-BGL II OLIGO SPC1 / 72f [REDACTED]  
 PEP 7A (OLIGO) #2 [REDACTED]  
 12625 C+B RI-BBAH1 0.6 KB / pVL1392 [REDACTED]  
 12625 C (OLIGO) RI 0.6 KB / pVL1392 [REDACTED]  
 5' BOUNDARY PEP FRAG # 19-640 [REDACTED]  
 PEP 7A (OLIGO) #1 [REDACTED]  
 GAD RI / PBS [REDACTED]  
 TRYPTOPHAN HYDROXYLASE TRH [REDACTED]  
 C-MYC [REDACTED]  
 TYROSINE HYDROXYLASE TH [REDACTED]  
 LCK pX10 W.D [REDACTED]  
 LCK PEV55 R.D [REDACTED]  
 LCK PEV55 W.D [REDACTED]

- 1 MAGE 41BB NP2 SAC1 0.4/72f
- 2 MAGE 41BB RX SAC1 1.7/72f
- 3 MAGE 41BB NP2 SAC1 1.8/72f
- 4 MAGE 41BB NP2 SAC1-NC01 3KB/72f
- 5 MAGE 41BB NP2 SAC1 2.8 KB/72f
- 6 MAGE 41BB HE6 SAC1 1 KB/72f
- 7 MAGE 41BB RX SAC1 0.9 KB/72f
- 8 MAGE 41BB RX SAC1 3.2 KB/72f
- 9 MAGE 41BB HE5 DRA1 0.8 KB/72f
- 10 MAGE 41BB HE5 HAE III 0.8 KB/72f
- 11 MAGE 41BB HE5 PST 1 2KB/3Z
- 12 MAGE 41BB NP2 SAC1-NC01/72f
- 13 MAGE 41BB RX SAC1 3.2/72f
- 14 MAGE 41BB NP2 SAC1-DRA 1 0.4/72f TYPE II 5' UTR
- 15 MAGE 41BB NP2 SAC1-XBA1 1.2/72f TYPE I 5' UTR
- 16 "
- 17 MAGE 41BB NP2 SAC1 5.5 KB/72f
- 18 MAGE 41BB RN (3) NC01 0.85/52f
- 19 41BB /pXIM
- 20 41BB RI /pXIM
- 21 41BB PET55 RI-XBA1/72f 150bp
- 22 41BB 3' UTR TYPE II UTR RI-PST1 250bp/32f
- 23 41BB RI-XHO1 pB3
- 24 41BB RI-XBA1/pXIM 72f
- 25 41BB PV21392
- 26 41BB XHO1-RI 0.6 KB/pXIM
- 27 41BB PPTAG JNX/72f
- 28 41BB # 8 CONP 1.3/72f
- 29 41BB L MINUS AP PPTAG
- 30 41BB S MINUS AP PPTAG
- 31 HUMAN 41BB PPTAG HIND III-BGL II
- 32 41BB RI 1.2 /PBS

FRAGMENTS

- 1 41BB # 8 RI FRAG
- 2 41BB XHO1-RI FRAG
- 3 41BB RI FRAG
- 4 "
- 5 41BB PST 1 122bp FRAG
- 6 41BB NC01-PST 1 110 bp FRAG
- 7 41BB PST 1 80 bp FRAG
- 8 MAGE 41BB NP2 SAC1 5.5FRAG
- 9 MAGE 41BB RX SAC1 17 FRAG

- 1 HUGE ST70 12 SPC1 5.5/72f
- 2 HUGE ST70 12 RI 1.5/72f
- 3 HUGE ST70 6 HINCE 800/32
- 4 HUGE ST70 12 SPC1 3.8/72f
- 5 HUGE ST70 12 RI 1.5/72f
- 6 HUGE ST70 12 SPC1 3.8/72f
- 7 ~~BRENT 571 PXM~~ HUGE ST70 12 NCI 1 3.4 KB/72f
- 8 HUGE ST70 12 HINCE 1.6 KB/72f
- 9 HUGE ST70 12 SPC1 5.5/72f
- 10 ~~HUGE ST70 12 RI 1.5/72f~~ 17A 10 (7) SPC1 6 KB/72f
- 11 HUGE 17A 10 (8) SPC1 8 KB/72f
- 12 HUGE ST70 12 SPC1 3.8 KB/72f
- 13 HUGE 17A 10 7 HINCE 1.7 KB/32
- 14 PMEL 171 /PXM FULL LENGTH
- 15 PMEL 17A 10 /RI/ 72f
- 16 PMEL 17A 10 PIH821
- 17 PMEL 141 PIH821
- 18 BRENT ST70 7 RI 0.6 KB/72f
- 19 BRENT ST70 6 RI 2 KB/72f
- 20 BRENT ST70 1 RI 3 KB/72f
- 21 BRENT ST70 3 RI 1.2 KB/72f
- 22 BRENT ST70 8 RI 3 KB/72f
- 23 HUMAN TYROSINASE /PXM
- 24 "
- 25 HUMAN TYROSINASE 341/72f
- 26 MOUSE TYROSINASE + PROMOTER P1/P19
- 27 BRENT #3 + 341
- 28 MOUSE TYROSINASE PROMOTER + CDNA /32f
- 29 MTY 811C
- 30 MTY 811C + SCHULTZ FRAGMENT
- 31 C57 PCR 1.3/72f
- 32 "
- 33 SILVER PCR 1.3/72f
- 34 "
- 35 "
- 36 C57/BL PCR 1.3/32f
- 37 MTYR PROMOTER /72f
- 38 CTL + C 5365 17A 10 (7) RI 0.5 KB/72f
- 39 CTL + C 5365 17A 10 (8) RI 0.5 /72f
- 40 CTL + C 17A 10 (9) MOUSE 171 /72f
- 41 "

- 42 SILVER 17-1 (3) RI 2KB/72F  
 43 "  
 44 "  
 45 "  
 46 "  
 47 "  
 48 " INSERT ONLY  
 49 SILVER 17-1 /PBS  
 50 HUMAN 17-1 B3706 /PREP4 ANTISENSE  
 51 " SENSE  
 52 HUMAN 17-1 17#10 /PREP4 ANTISENSE  
 53 " SENSE  
 54 HUMAN TYROSINASE /PREP 4 ANTISENSE  
 55 " SENSE  
 56 MOUSE 17-1 /PREP 4 SENSE  
 57 HUMAN B PROTEIN #3 COMP/TIF  
 58 "  
 59 HUMAN B PROTEIN #4 COMP/72F  
 60 HUMAN B PROTEIN #5 COMP/72F  
 61 HUMAN B PROTEIN 1 RI 2KB/72F  
 62 "  
 63 PEGUT1 cDNA

## - FRAGMENTS

- 1 MOUSE 17-1 cDNA RI FRAG  
 2 "  
 3 " RI-BPM-1 FRAG  
 4 17#10 RI FRAG  
 5 17#10 B3706 RI FRAG  
 6 TYROSINASE RI FRAG  
 7 HUMAN B PROTEIN RI FRAG



1	PBETA 7 XBA BSMH1	1	IL3 RECEPTOR	40	LCK RI/P
2	PRAV/AD	2	PBSV BIT	41	LCK/PEV55
3	P CDNA 1	3	C-RAF	42	" WRONG O
4	PBR322	4	PBSV OPT	43	LCK/PXIM
5	"	5	PBSV NEO	44	" WRONG
6	PBV40 NEO	6	"	45	A20
7	P GEM 3Z HIND III	7	LYMPHOTOXIN	46	"
8	P GEM 7Zf Sma I	8	TUBULIN		
9	P GEM 7Zf HIND III BSMH1	9	"		
10	P GEX 3Z	10	CHICKEN MME		
11	P BLUESCRIPT	11	IL-11 NA SPC1 4KB		
12	SSV4	12	IL-11 SPC1 AB KB		
13	P GEM 7Z BSMH1	13	"		
14	P PAV/AD	14	B-1		
15	SSV4 SUB201	15	J-1		
16	P REP 4	16	8 INF		
17	P REP 5	17	"		
18	PBR322	18	25 5ZF		
19	PXM RI-XHO1	19	L2625		
20	CMV SEAP	20	SL3 RI/PBS		
21	PXM	21	L2095 #4		
22	PWP 19	22	L2625 A10 PXM		
23	"	23	L2625 #91		
24	P GEM 5ZF	24	PFP 2A NDE 1-SAC1 0.3/5A2		
25	P BLUESCRIPT RI-XHO1	25	L2625 B (OLIGO) PEV55		
26	PEV55 RI	26	L2625 B1C PEV55		
27	PXM RI	27	L2625 C (OLIGO) PVL1392		
28	PDTAG BGL II	28	PFP 3A Sma I-SAC1 0.1KB/7ZF		
29	PUC 19	29	7ZF BSMH1 BGL II OLIGO		
30	PUC 19	30	P KR223-3 IL-2-HP10		
31	PDTAG	31	MOUSE TYROSINASE		
32	<del>5ZF</del> P GEM 5ZF	32	HP10 RI/PUC 19		
33	"	33	SEAP CMV		
34	P BLUESCRIPT	34	LCK/PEV55		
35	PXM RI	35	" WRONG ORIENT		
36	Bovine PAPVIRUS VECTOR	36	LCK/PXM		
37	"	37	" WRONG ORIENT		
38	P GEM 7ZF	38	PFP 7A (OLIGO)		
39	P GEM 7ZF XBA1	39	L2025 C1B PVL1392		



1	HUMAN B PROTEIN	$\lambda$ gt11	①	
2	"			
3	"		②	
4	"		③	
5	"		④	
6	"		⑤	
7	"		⑥	
8	"		⑦	
9	"		⑪	
10	<del>PHAGE</del> SILVER PMEL 17-1	$\lambda$ ZAP 7		
11	SILVER PMEL 17-1	① $\lambda$ gt11		
12	"	②	"	
13	"	③	"	
14	"	④	"	
15	"	⑤	"	
16	"	⑥	"	
17	"	⑦	"	
18	"	⑨	"	
19	"	⑩	"	
20	"	⑪	"	
21	BRENT 8720	① $\lambda$ gt11		
22	"	②	"	
23	"	③	"	
24	"	⑥	"	
25	"	⑦	"	
26	"	⑧	"	
27	CTL+0 17#10	② $\lambda$ gt11		
28	"	③	"	
29	"	④	"	
30	CTL+0 S365 823	④ $\lambda$ gt11		
31	"	⑤	"	
32	"	⑥	"	
33	CTL+0 S365, 17#10	① <del>gt11</del> $\lambda$ gt11		
34	BCGF 15-2			
35	BCGF 17-1			
36	17#10	① $\lambda$ FIX II		
37	"	②	"	
38	17#10 3A	$\lambda$ FIX II		
39	" 3B-1	"		
40	17#10 7	"		

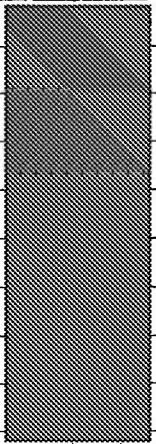
41 17#10 (8) > FIX II [REDACTED] 40  
 42 HUGF 5770 (6) EMBL 3 [REDACTED]  
 43 " (11) " " "  
 44 " (12) " "  
 45 ~~FIX II~~ HUMAN TYROSINASE (1) > FIX II [REDACTED]  
 46 " (2) "  
 47 " (3) "  
 48 " (5) "  
 49 TYR E3 #2 EMBL 3  
 50 " #6 EMBL 3  
 51 HUMAN B PROTEIN (1) > FIX II [REDACTED]  
 52 " (2) "  
 53 MDGF 41BB NP1 EMBL 3 [REDACTED]  
 54 " RN "  
 55 " H2 "  
 56 " HE3  
 57 " HE5  
 58 " HE6  
 59 A20 > 8+11 [REDACTED]

GENOMIC DNA

- 1 RAT
- 2 C57/BL MOUSE [REDACTED]
- 3 SILVER

RACK IN 40

1	TYR/SIMPSE	1	ΔFIX II
2	"	(2)	"
3	"	(3)	"
4	"	(5)	"
5	EMBL 17-1	(1)	"
6	"	(2)	"
7	"	(3A)	"
8	"	(3B)	"
9	"	(7)	"
10	"	(9)	"



11 [REDACTED]

12	HUMAN B-PROTEIN	(2)	"
13	[REDACTED]	(3)	"

EMBL 3

14	IL-11	(9A)	ΔFIX 3
15		(11A)	

16	TYR/SIMPSE E-3	(12)	EMBL 3
17		(17B)	"

18	HUGER ST70	(16)	EMBL 3
19		(11)	"

20		(12)	"
21	BRENT ST70	(1)	ΔST11

22		(2)	"
23		(3)	"

24		(6)	"
25		(7)	"

26		(8)	"
27	CTLIC S43	(14)	ΔST11

28		(15)	"
29		(16)	"

30	CTLIC S365 17#10	(12)	ΔST11
31		(3)	"

32		(4)	"
----	--	-----	---

33	PHAGETID PBS SILVER MUTANT		
34	SILVER 17-1	(3)	ΔST11

35	CTLIC S365 17#10	(1)	ΔST11
36	"	(2)	"

37	SILVER 17-1	(1)	ΔST11
38		(2)	

39		(3)	
40		(4)	

41	SILVER	PMEL 17-1	(3)	STII		RACK IN 40
42	"		(6)	"		
43	"		(7)	"		
44	"		(9)	"		
45	"		(10)	"		
46	"		(11)	"		
47	MOSE	41BB RX	(3)	EMBL3		
48	"	RN	(3)	"	"	
49	"	NPV		"	"	
50		NP2		"	"	
51	MOSE	41BB E3		"		
52		EH			"	
53	MOSE	41BB HE2				
54		HE3.			"	
55		HE5			"	
56		HE6			"	

## BOX VIII

- 1 CLONTECH HUMAN TCELL  $\lambda$ GT11
- 2 " MOUSE BCELL LYMPHOMABLAST  $\lambda$ GT11
- 3 " HUMAN BRAIN  $\lambda$ GT11
- 4 HUMAN GENOMIC EMBL3
- 5 MOUSE GENOMIC EMBL3
- 6 REHFCHER + BRENT  $\lambda$ GT11
- 7 CLOUDMAN + CTLL + EL-4  $\lambda$ GT11
- 8 ~~MA~~ CLONTECH MOUSE BRAIN  $\lambda$ GT11
- 9 STRATAGENE HUMAN GENOMIC  $\lambda$ FIX II

1 DR KWONS PERIPHERAL BLOOD LYMPHOCYTES

BOX IX

2 "

3 ESDRA

4 "

5 "

6 "

7 "

8 "

9 "

10 "

11 "

12 ANGLE ALBINO

13 "

14 D10 CELL

15 "

16 F1 CELL

17 "

18 RB IL2 STIM

19 "

20 K1735 POLY

21 K1735

22 "

23 C102

24 K1735

25 BALB C KIDNEY

26 BREND SEARS

27 STILLING

28 EDDIE DALTON

29 ETTIMA BENNINGTON

30 KEVIN CONNOR

31 KELSEY DALTON

CELL LYSATES

1 SILVER

2 ZPK

3 STILLING

4 "

5 "

6 MEL 1

7 K1735

8 B16